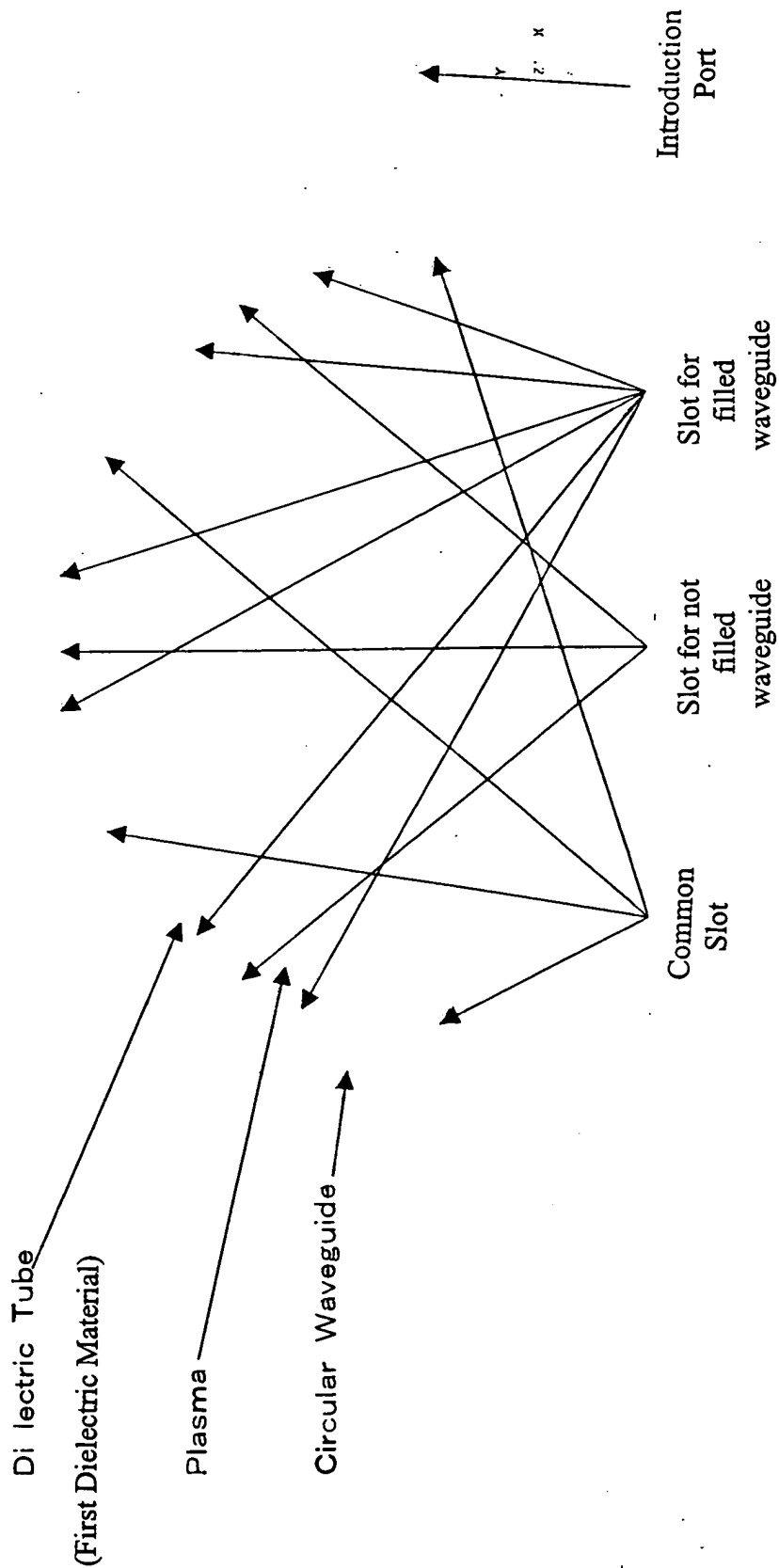




Structure of CMA for Simulation for Comparing Absence/Presence of Second Dielectric Material

Figure A:

TOTAL NODE : 13504
TOTAL ELEMENT : 16989





Microwave Electric Field Distribution (Under Absence/Presence of Second Dielectric Material)

Filled with Dielectric

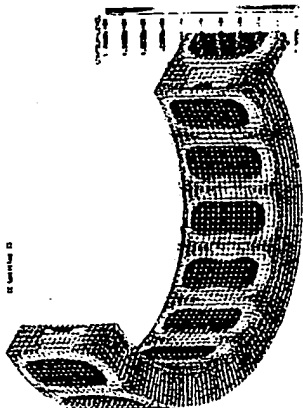
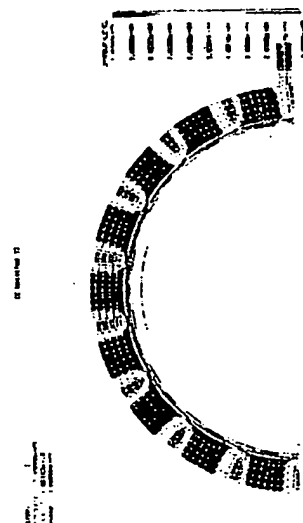
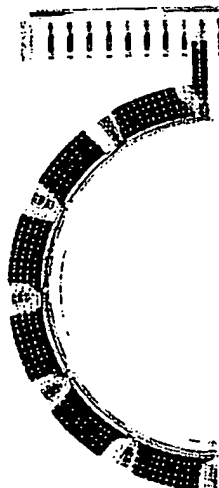


FIG. 1

FIG. 2

Top View

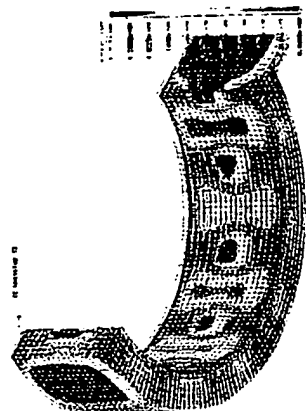
FIG. 3



Not Filled

Oblique View

FIG. 4



Inner Side View

FIG. 5

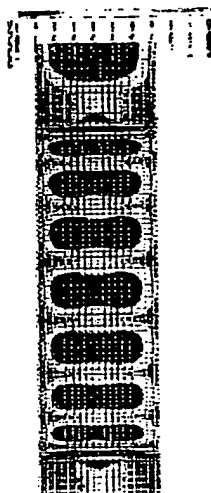
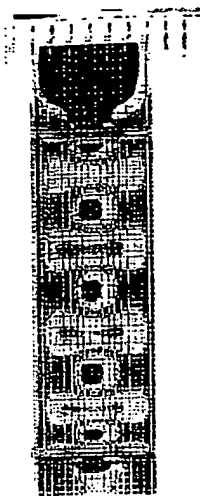


FIG. 6

FIG. 7



Filled with Dielectric

Top View

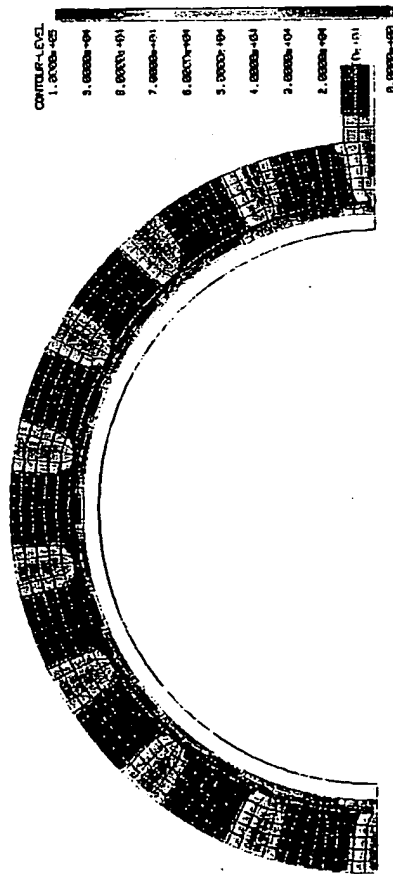
Not Filled

CC Unfilled 13

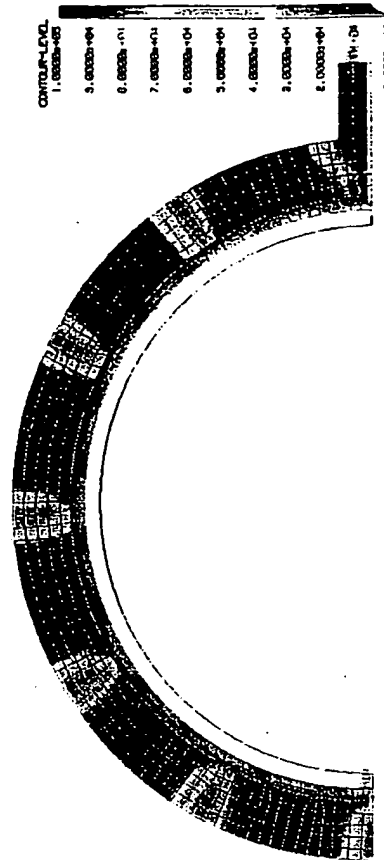
STOP: 1
PRECISION: 2.43000E-03
PCFID: 4.0312E-18
PREF: 3.00000E-01

STOP: 1
PRECISION: 2.43000E-03
PCFID: 4.0312E-18
PREF: 3.00000E-01

CC Unfilled 13



CONTINUED
1.0000E-03
2.0000E-03
3.0000E-03
4.0000E-03
5.0000E-03
6.0000E-03
7.0000E-03
8.0000E-03



CONTINUED
1.0000E-03
2.0000E-03
3.0000E-03
4.0000E-03
5.0000E-03
6.0000E-03
7.0000E-03
8.0000E-03

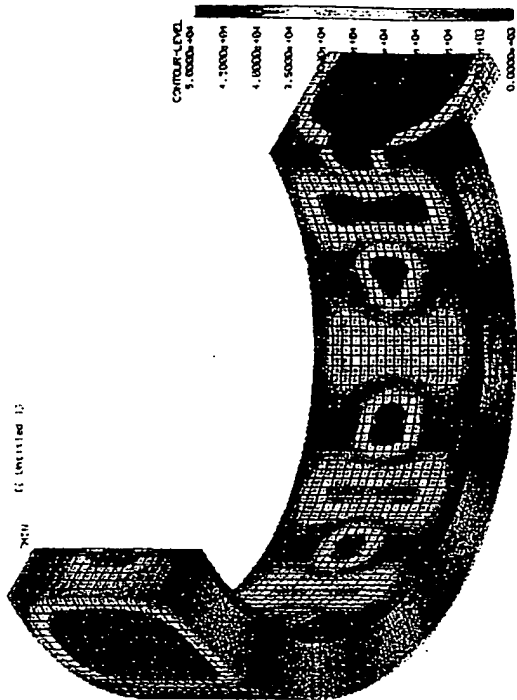
STOP: 1
PRECISION: 2.43000E-03
PCFID: 4.0312E-18
PREF: 3.00000E-01

STOP: 1
PRECISION: 2.43000E-03
PCFID: 4.0312E-18
PREF: 3.00000E-01

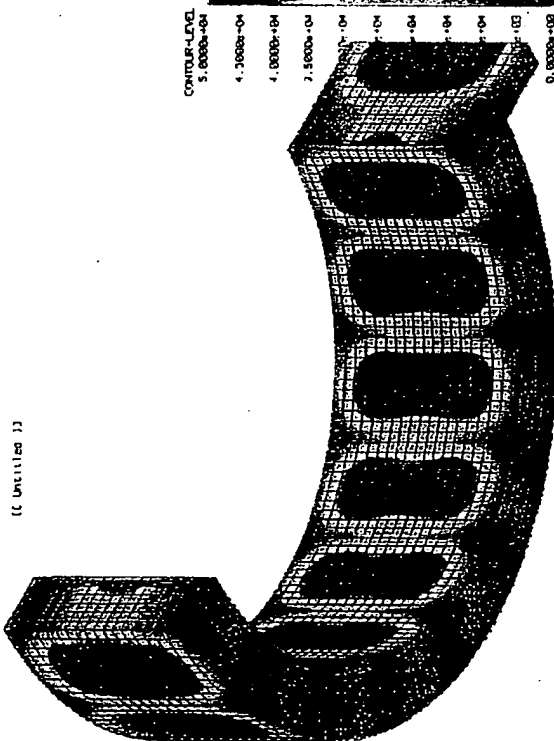


Oblique View

Not Filled



ELECTRIC FIELD AMPLITUDE (V/m)
MIN: 2.8000e+00 MAX: 15.1200
PAPER: 2.8000e+00 MAX: 15.1200



ELECTRIC FIELD AMPLITUDE (V/m)
MIN: 1.33232e+00 MAX: 15.2127
PAPER: 1.33232e+00 MAX: 15.2127



Inner Side View

Filled with Dielectric

Not Filled

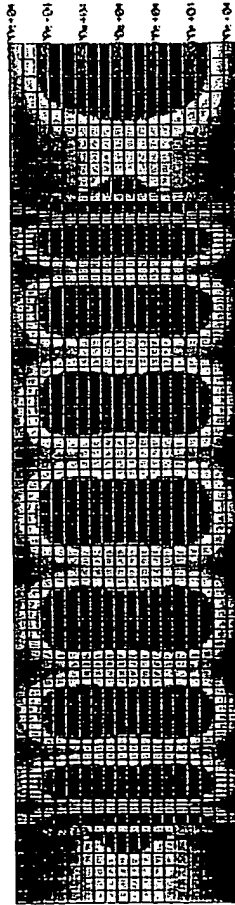
((Unfilled))

((Unfilled))

STEP 1
FREQUENCY: 2.45000e+09
PERIOD: 4.08163e-10
POWER: 3.00000e+01

1
n 2.45000e+09
PERIOD: 4.08163e-10
POWER: 3.00000e+01

CONTOUR LEVEL
5.00000e+01



1.00000e+01
5.00000e+01
5.00000e+01

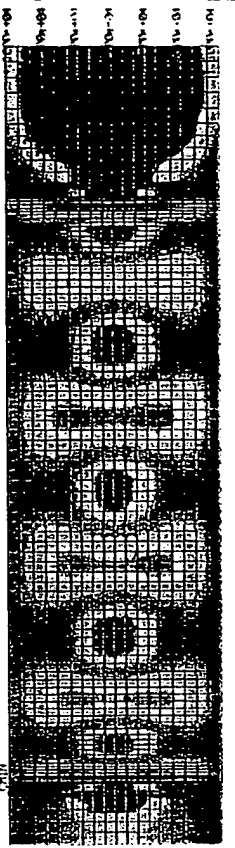
ELECTRIC FIELD (V/M) 1000
MAX: 1.3638e+03 WAVE ID: 1118

Z

Y

X

CONTOUR LEVEL
5.00000e+01



1.00000e+01
5.00000e+01
5.00000e+01

ELECTRIC FIELD (V/M) 1000
MAX: 1.3638e+03 WAVE ID: 1118

Z

Y

X